



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

NOTICE OF ALLOWANCE AND FEE(S) DUE

22442

7590

10/02/2007

SHERIDAN ROSS PC 1560 BROADWAY SUITE 1200 DENVER, CO 80202 EXAMINER
RAMIREZ, DELIA M

ART UNIT

PAPER NUMBER

6652

1652

DATE MAILED: 10/02/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	^			

10/612,779

07/01/2003

Ming-De Deng

3161-18-2

TITLE OF INVENTION: PROCESS AND MATERIALS FOR PRODUCTION OF GLUCOSAMINE AND N-ACETYLGLUCOSAMINE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	01/02/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notifical	correspondence includired below or directed oth	ig the F nerwise	Patent, advance or in Block 1, by (a	ders and notification specifying a new c	of m	naintenance fees w pondence address;	ill be and/or	mailed to the current (b) indicating a separ	correspondence a ate "FEE ADDI	address as RESS" for
	ENCE ADDRESS (Note: Use BI	ock 1 for a	any change of address)		Feet	c) Transmittal This	c certif	g can only be used for icate cannot be used for such as an assignmer ling or transmission.	r any other accor	mnanvino
22442	7590 10/02	/2007		•		Cert	rificate	of Mailing or Transr	nission	
SHERIDAN R 1560 BROADW SUITE 1200					I her State addre trans	eby certify that this Postal Service wessed to the Mail mitted to the USPT	s Fee(s ith suf Stop TO (57	s) Transmittal is being ficient postage for first ISSUE FEE address 1) 273-2885, on the da	deposited with t class mail in an above, or being te indicated belo	he United renvelope facsimile ow.
DENVER, CO 8	0202									sitor's name)
				•						(Signature)
										(Date)
APPLICATION NO.	FILING DATE			FIRST NAMED INVEN	ITOR		АТТО	RNEY DOCKET NO.	CONFIRMATIO	N NO.
10/612,779	07/01/2003			Ming-De Deng				3161-18-2	6652	
TITLE OF INVENTION	: PROCESS AND MAT	ERIAL	S FOR PRODUCT	ΓΙΟΝ OF GLUCOSA	MINI	E AND N-ACETY	LGLU	COSAMINE		
				•						
APPLN. TYPE	SMALL ENTITY	ISS	SUE FEE DUE	PUBLICATION FEE	DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE D	UE
nonprovisional	NO	<u> </u>	\$1440	\$300		\$0		\$1740	01/02/20	008
EXAM	INER		ART UNIT	CLASS-SUBCLASS	s					
RAMIREZ,	, DELIA M		1652	435-193000						•
1. Change of corresponde	ence address or indication	n of "Fe	ee Address" (37	2. For printing on	the pa	atent front page, lis	t	_		
CFR 1.363). Change of corresp	ondence address (or Cha	nge of (Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to						
	ondence address (or Cha 3/122) attached.									
PTO/SB/47; Rev 03-0 Number is required.	ication (or "Fee Address") 2 or more recent) attach	ed. Use	e of a Customer	2 registered patent listed, no name wi	t attor	neys or agents. If i	no nam	ie is 3		
3. ASSIGNEE NAME A										
PLEASE NOTE: Unl recordation as set fort	ess an assignee is ident h in 37 CFR 3.11. Comp	ified be oletion (clow, no assignee of this form is NO	data will appear on t T a substitute for filin	he pa g an a	itent. If an assigne issignment.	ee is ic	dentified below, the do	cument has beer	n filed for
(A) NAME OF ASSIG				(B) RESIDENCE: (C						
Please check the appropr	iate assignee category or	catego	ries (will not be pr	inted on the patent):		Individual 🗆 Co	rporati	on or other private gro	ap entity Go	overnment
4a. The following fee(s)	are submitted:		41		-	se first reapply an	y prev	viously paid issue fee s	hown above)	
Issue Fee	lo small entity discount p	ermitte	·4)	☐ A check is enclose ☐ Payment by cred		1 Form PTO-2038	is atta	iched.		
•	# of Copies		•	The Director is he	ereby	authorized to char	ge the	required fee(s), any def	iciency, or credit extra copy of th	t any is form).
5. Change in Entity Sta	tus (from status indicate	d above)					•		
	s SMALL ENTITY state			• •	•			FITY status. See 37 CF		
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if req records of the United Sta	uired) v ites Pate	ont and Trademark	Office.	nan tr	ne applicant; a regi	sterea	attorney or agent; or th	assignee or oth	er party in
Authorized Signature						Date				_
Typed or printed name						_				
This collection of inform an application. Confiden submitting the complete this form and/or suggesti Box 1450, Alexandria, V Alexandria. Virginia 223	nation is required by 37 C tiality is governed by 35 d application form to the ons for reducing this bu (irginia 22313-1450. DC 13-1450.	U.S.C. U.S.C. USPT rden, sh	11. The information 122 and 37 CFR O. Time will vary to the SEND FEES OR (on is required to obtain 1.14. This collection depending upon the e Chief Information C COMPLETED FORM	n or re is esti indivi Office IS TO	etain a benefit by the imated to take 12 r idual case. Any co r, U.S. Patent and THIS ADDRESS	he publininutes mment Traden	lic which is to file (and is to complete, including its on the amount of tinnark Office, U.S. Depa D TO: Commissioner f	by the USPTO to gathering, prepie you require to rtment of Comm or Patents, P.O.	o process) paring, and complete herce, P.O. Box 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO. FILING DATE		LING DATE	FIRST NAMED INVENTOR ATTORNEY DOCKET NO		CONFIRMATION NO.		
10/612,779	C	07/01/2003	Ming-De Deng	3161-18-2	6652		
22442	7590	10/02/2007		EXAMINER			
SHERIDAN ROSS PC			•	RAMIREZ, DELIA M			
1560 BROAD				ART UNIT	PAPER NUMBER		
SUITE 1200 DENVER, CO 80202				1652 DATE MAILED: 10/02/2007			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 445 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 445 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.